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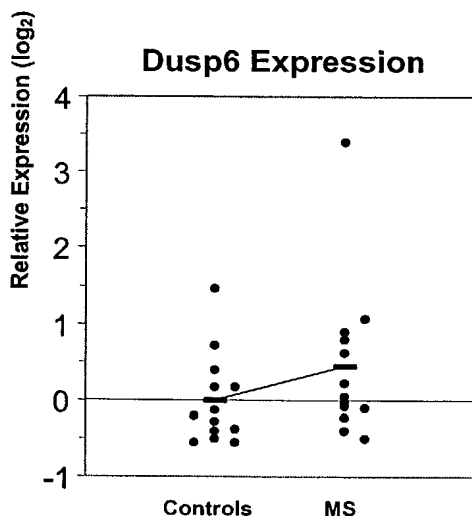
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(54) Title: METHODS FOR THE IN VITRO DIAGNOSIS AND IN VITRO PROGNOSIS OF DEMYELINATING DISEASES,  
AND FOR THE DEVELOPMENT OF DRUGS AGAINST DEMYELINATING DISEASES



(57) Abstract: The present invention refers to an in vitro method for de-  
tecting the presence of demyelinating diseases in an individual, for de-  
termining the stage or severity of said diseases in the individual, or for  
monitoring the effect of the therapy administered to an individual suffer-  
ing said diseases; to the search, identification, development and evaluation  
of efficacy of compounds for therapy of said diseases for the purpose of  
developing new drugs; as well as to agents inhibiting DUSP6 protein ex-  
pression and/or activity, and/or the effects of this expression. The methods  
and agents of the invention are preferably applied to multiple sclerosis.

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